

ABSTRACT OF THE DISCLOSURE

Submerged jet nozzles are located at equal distances from the center of a tank containing a quantity of liquid and solids. Some of the nozzles induce flow partly inward and some induce flow partly outward, but all mixers are directed generally in the same circumferential direction. The inward directed nozzles are located close to the bottom of the tank and direct liquid across the central portion of the tank where solids tend to accumulate. Upper nozzles direct flow at least partly outward but in the same circumferential direction as the lower nozzles. The flow from the upper nozzles tends to reflect off the wall of the tank in addition to inducing a rotational flow of substantially the entire body of liquid in the tank.